

Declaration of Compliance

Producer: TECHNISTONE, a.s., Bratři Štefanů 1070, 500 03 Hradec Králové
declares and acknowledges that the product:

ENGINEERED STONE TECHNISTONE® - slabs and cut-to-size products for vanity and kitchen tops

meets the standard EN 15388, and the company TECHNISTONE, a.s. took steps for meeting the compliance of all mentioned products on market by which the technical requirements and the basic requirements of the standard EN 15388 are defined with the exception of point 5.13.

Product definition: Vanity and kitchen top is a plain slab prepared by cutting of the main size (rough product) that covers furniture and it is mechanically coupled or by special binders fixed to furniture, of various thickness, size and surface (polished, antique, slate / ardesia, honed, brushed, matt).

The usage: Fabrication of products for vanity and kitchen tops in stone workshop.

Basic characteristics:

Article	Characteristic	Testing method	Declared value
4.1	Geometric properties (rough product)	EN 14617-16	thickness: $\pm 1,2$ mm flatness: ≤ 4 mm length of slab, ≤ 2 mm width of slab length and width: -20 mm/+ 10 mm, -15 mm/+ 10 mm
5.2	Terminology and classification	EN 14618	engineered stone, binder – polyester resin, filler – silica sand, 4 product lines: SAND (trade name Gobi, Elegance, Harmonia), GRANITE (trade name Taurus, Sonora, Karpat), MIRRORS (trade name Starlight, Fresh, Brilliant), CRYSTAL (trade name Crystal, Classic, Noble)
5.3	Appearance	visual	Being made from nature materials the color variations of the product could appear. The product is sorted by producer according to the basic color standards. Slight optical color differences are proper and should be respected. For more details see General Commercial Terms issued by company Technistone, a.s.
5.5	Reaction to fire	EN 13501-1	B ₁
5.6	Water absorption	EN 14617-1	production line Sand and Mirrors: max. 0,06%, production line Crystal: max. 0,07%, production line Granite: max. 0,09%
5.6	Density	EN 14617-1	min. $2,10$ g/cm ³
5.7	Flexural strength (bending)	EN 14617-2	production line Sand: min. 40MPa, production line Mirrors: min. 35MPa, production line Granite: min. 30MPa, production line Crystal (Noble): min. 60 MPa, production line Crystal (fine-grained): min. 50MPa, production line Crystal (coarse-grained): min. 30MPa
5.10	Impact resistance	EN 14617-9	min. $1,7$ J (it depends on thickness of slab)
5.11	Chemical resistance	EN 14617-10	class C4
5.13	Electrical resistance	EN 14617-13	N/A

Another characteristics:

Content of nature radionuclide according Regulation No. 307/2002 of Code, Addenda 11	CSI Praha	is within limit and guide values in any arguments
Healthy product	SZÚ	product meets conditions for indoor usage and no volatile organic compounds (VOC) were found; product meets Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 on materials and articles intended to come into contact with food and repealing and Commission Regulation (EC) No. 10/2011 in latter wording
Food equipment material	NSF certification	NSF/ANSI STANDARD 51 Food Equipment Materials

The company TECHNISTONE, a.s. published this Declaration according these Protocols:

- 1/ Protocol of attestation of compliance No. 030-045890 of December 01, 2011, issued by: Technický a zkušební ústav stavební Praha, s.p., Autorizovaná osoba č. 204, Pobočka 0300 - Plzeň
- 2/ Protocol No. PK-13-064 of July 22, 2013, issued by: Centrum stavebního inženýrství, a.s., Požárně technická laboratoř, Autorizovaná osoba AO 212 a Notifikovaná osoba NB 1390, Pražská 16, 102 21 Praha 10 – Hostivař
- 3/ Protocol No. 15-1058/R209 – 15-1061/R212 of November 3, 2015, issued by: Centrum stavebního inženýrství, a.s., Akreditovaná zkušební laboratoř č. 1007.6, Pražská 16, 102 21 Praha 10 - Hostivař
- 4/ Protocol No. 12/05/002 Stanovení organických látek (VOC) according SOP 1/12 of January 28, 2005, issued by: Státní zdravotní ústav (SZÚ), Laboratoř Centra zdraví a životních podmínek OS a NRC pro faktory vnitřního prostředí, Šrobárova 48, 100 42 Praha 10
- 5/ Expert report No. SZU 3321/2012 of March 8, 2013 according Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 on materials and articles intended to come into contact with food and repealing and Commission Regulation (EC) No. 10/2011 in latter wording, issued by: Státní zdravotní ústav (SZÚ), Šrobárova 48, 100 42 Praha 10
- 6/ NSF/ANSI STANDARD 51, Food Equipment Materials

Hradec Králové, the 1st September, 2016

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